

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	280	(@ad<="20020530") and ((smooth\$4 or rough\$4) with "4 nm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:16
S2	0	(@ad<="20020530") and ((smooth\$4 or rough\$4) with "4 nm") and transparant and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:17
S3	0	(@ad<="20020530") and ((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) and transparant and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:19
S4	1135726	(@ad<="20020530") and ((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) and transparant or conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:19
S5	439	(@ad<="20020530") and ((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) and conductive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:20
S6	17	(@ad<="20020530") and (((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with conductive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:21
S7	0	(@ad<="20020530") and (((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with transparant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:22
S8	385	(@ad<="20020530") and (((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:22
S9	14	(@ad<="20020530") and (((smooth\$4 or rough\$4) with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with substrate) and Rz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:52
S10	10	(@ad<="20020530") and (((smooth\$4 or rough\$4) with Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 17:07

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S11	4	((@ad<="20020530") and (((smooth\$4 or rough\$4) with Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with substrate) and (hydrofluoric or alkaline or potassium or sodium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 10:57
S12	2	((@ad<="20020530") and (((smooth\$4 or rough\$4) with Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm")) with substrate) and (polish or scrub\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:55
S13	0	((@ad<="20020530") and (((smooth\$4 or rough\$4) with Rz with ("less than")) with substrate) and (polish or scrub\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:01
S14	2	((@ad<="20020530") and (Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm") with substrate) and (polish or scrub\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:11
S15	3	((@ad<="20020530") and (Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm") with substrate) and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:15
S16	5	((@ad<="20020530") and (Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm" or "5 nm" or "6 nm") with substrate) and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:20
S17	0	((@ad<="20020530") and (Rz with ("less than" adj3 "nm") with substrate) and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:19
S18	0	((@ad<="20020530") and (Rz with ("less than" adj3 "\$nm") with substrate) and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:21
S19	0	((@ad<="20020530") and (Rz with "less than" with "nm" with substrate) and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:27
S20	0	((@ad<="20020530") and (Rz with "less than" with "nm") and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:52

## EAST Search History

S21	0	(@ad<="20020530") and (Rz with "less than") and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:28
S22	666	(@ad<="20020530") and (Rz) and (polish\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:28
S23	187	(@ad<="20020530") and (Rz) and (polish\$4) and nm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 11:28
S24	6	(US-5985404-\$ or US-6553788-\$).did. or (JP-2001250678-\$). did. or (WO-200298812-\$ or JP-2001250678-\$ or JP-2000311336-\$).did.	USPAT; JPO; DERWENT	OR	ON	2006/05/03 12:04
S25	0	S24 and saphire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:05
S26	0	S24 and saph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:07
S27	2	S24 and transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:07
S28	0	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:54
S29	17695	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric and ascorbic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:55
S30	7081	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:56
S31	6870	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic) and (hydrofluoric or potassium or sodium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:57

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S32	1	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic) and (hydrofluoric or potassium or sodium) and (Rz with nm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 12:59
S33	6	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic) and (hydrofluoric or potassium or sodium) and (transparent with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 13:02
S34	1	(@ad<="20020530") and (substrate with Rz) and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic) and (hydrofluoric or potassium or sodium) and (transparent with substrate) and Rz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 13:02
S35	10	(@ad<="20020530") and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic) and (hydrofluoric or potassium or sodium) and (transparent with substrate) and Rz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 13:09
S36	10	(@ad<="20020530") and polish\$3 and cerium and (sulfuric with ascorbic) or (nitric with ascorbic) and (hydrofluoric or potassium or sodium) and (transparent with substrate) and "Rz"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:08
S37	10	(@ad<="20020530") and polish\$3 and cerium and ((clean\$3 or wash\$3) with (sulfuric with ascorbic) or (nitric with ascorbic) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:10
S38	0	(@ad<="20020530") and polish\$3 and cerium and ((clean\$3) with ((sulfuric with ascorbic) or (nitric with ascorbic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:11
S39	1	(@ad<="20020530") and polish\$3 and cerium and ((wash\$3) with ((sulfuric with ascorbic) or (nitric with ascorbic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:12
S40	0	(@ad<="20020530") and ("Rz" with (less adj than))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 14:53
S41	31	(@ad<="20020530") and (smooth\$4 or rough\$4) and (Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm" or "40 angstrom"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 15:00

## EAST Search History

S42	9	(@ad<="20020530") and (smooth\$4 or rough\$4) and (Rz with ("4 nm" or "3 nm" or "2 nm" or "1 nm" or "40 angstrom")) and (glass with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 15:01
S43	2	("20040229465").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/20 16:48
S44	0	(@ad<="20020530") and ((Rz or roughness) with ("less than" adj3 "nm") with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:20
S45	1260	(@ad<="20020530") and ((Rz or roughness) with ("nm") with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:21
S46	433	(@ad<="20020530") and ((Rz or roughness) with ("nm") with substrate) and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:22
S47	22	(@ad<="20020530") and ((Rz or roughness) with ("nm") with substrate) and (organic with EL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:29
S48	5	(@ad<="20020530") and ((Rz or roughness) with ("nm") with conductive) and (organic with EL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:29